

**Title:** Successfully Transitioning Science Research to Space Weather Applications

**Author:** James Spann

NASA, Marshall Space Flight Center, ZP10, MSFC, AL 35812

**Abstract:** The awareness of potentially significant impacts of space weather on space- and ground-based technological systems has generated a strong desire in many sectors of government and industry to effectively transform knowledge and understanding of the variable space environment into useful tools and applications for use by those entities responsible for systems that may be vulnerable to space weather impacts. Essentially, effectively transitioning science knowledge to useful applications relevant to space weather has become important. This talk will present proven methodologies that have been demonstrated to be effective, and how in the current environment those can be applied to space weather transition efforts.